

IN THE CLAIMS:

1. (Currently Amended) A high-level meta-layer ~~software-product~~ computer instructions residing on computer-readable media for integrating the communications within a manufacturing facility comprising:

a graphic user interface generator for generating browser compatible graphic displays based upon uniform language data;

a structured data exchange for ~~providing~~ communicating uniform language data to the graphic user interface generator for display, the structured data exchange including;

a look-up table to enable translating between legacy data and uniform language data; and,

software wrappers for enabling ~~communication~~ communicating of legacy data between the structured data exchange and one or more software servers.

2. (Currently Amended) ~~A~~The ~~software-product~~ computer instructions residing on computer-readable media according to Claim 1, where the graphic user interface generator is an HTML page generator.

3. (Currently Amended) ~~A~~The ~~software-product~~ computer instructions residing on computer-readable media according to Claim 1, where the graphic user interface generator is JAVA.

4. (Currently Amended) ~~A~~The ~~software-product~~ computer instructions residing on computer-readable media according to Claim 1, where the structured data exchange comprises a network infrastructure.

5. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 45, where the network infrastructure comprises one or more software servers.

6. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under UNIX.

7. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under LINUX.

8. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under Windows.

9. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under DOS.

10. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under Macintosh OS.

11. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is CATIA™.

12. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is PARTRAN.

13. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is an Manufacturing Enterprise System.

14. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is a workstation management system.

15. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is AutoCAD™.

16. (Cancelled.)

17. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is Scheduling Software.

18. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is an e-mail server.

19. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is a parts catalogue.

20. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is an assembly procedure library

21. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is a warehouse management program.

22. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is a human resources management program.

23. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is a benefits management software program.

24. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is an internet router.

25. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is an intranet server.

26.-48 (Withdrawn)

49. A system for sharing information incident to manufacturing comprising:
a computer network, itself comprising at least one server;

at least one computer remote to the server and connected to the server computer to allow communication with the server;

a plurality of software servers containing legacy data incident to manufacturing and communicatively connected to the network; and

a software product, itself comprising:

a structured data exchange for communicating uniform language data to a graphic user interface generator for display, the structured data exchange including:

a look-up table to enable translating between legacy data and uniform language data;

wrappers for communication between each of the software servers and a structured data exchange; and

a the graphic user interface generator for displaying information uniform language data from the structured data exchange.

50. (Currently Amended) ~~A~~The system according to Claim 49, where the graphic user interface generator is an HTML page generator.

51. (Currently Amended) ~~A~~The system according to Claim 49, where the graphic user interface generator is JAVA.

52. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is operating under UNIX.

53. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is operating under LINUX~~LINUX~~.

54. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is operating under Windows.

55. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is operating under DOS.

56. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is operating under Macintosh OS.

57. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is CATIATM.

58. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is PARTRAN.

59. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an Manufacturing Enterprise System.

60. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a workstation management system.

61. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is AutoCADTM.

62. (Cancelled.)

63. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is Scheduling Software.

64. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an e-mail server.

65. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a parts catalogue.

66. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an assembly procedure library

67. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a warehouse management program.

68. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a human resources management program.

69. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a benefits management software program.

70. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an internet router.

71. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an intranet server.

72.-75 (Withdrawn)